| ••• | <br><b>.</b> . | laim | _ |
|-----|----------------|------|---|
|     |                |      |   |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/700,047              | NISHIGUCHI ET AL.                       |
| Examiner                | Art Unit                                |

| 1 | Rejected | _ | - | (Through numeral)<br>Cancelled |
|---|----------|---|---|--------------------------------|
|   | Allowed  | ÷ | - | Restricted                     |

|  | N | Non-Elected  |
|--|---|--------------|
|  | _ | Interference |

Kiesha L. Rose

| A | Appeal   |
|---|----------|
| o | Objected |

2822

| Cla   | aim      |          |          | _          |          | Dat          | е              |          |          |          | Cla      | aim       | Date            |          |               |     |     |     |          |         |          | CI       | aim        | Date     |         |         |                            |           |
|-------|----------|----------|----------|------------|----------|--------------|----------------|----------|----------|----------|----------|-----------|-----------------|----------|---------------|-----|-----|-----|----------|---------|----------|----------|------------|----------|---------|---------|----------------------------|-----------|
| Final | Original | 5/10/06  |          |            |          | •            |                |          |          |          | Final    | Original  |                 |          |               |     |     |     |          |         |          | Final    | Original   |          |         |         |                            |           |
|       | 1        | 1        |          |            |          | 1            | -              | <u> </u> |          | 1        |          | 51        |                 |          |               |     |     |     |          | ╅       | 7        |          | 101        | 1        | 寸       | _       | $\top$                     | †         |
|       | 2        | 1        |          |            |          | <u> </u>     |                | Т        | П        | ヿ        |          | 52        | П               |          |               |     |     |     | $\neg$   | $\top$  | ╗        |          | 102        |          | ╅       |         | $\top$                     | †         |
|       | 3        | Ħ        | T        |            |          | İ            |                |          |          | ┥.       |          | 53        |                 |          |               |     |     |     | $\dashv$ | 十       | 7        |          | 103        |          | 寸       | T       | $\top$                     | †         |
|       | 4        | Ħ        |          |            |          | ļ            | 1              | Ι.       |          |          |          | 54        |                 |          |               |     |     |     |          | 1       |          | -        | 104        | **       | T       |         |                            | 1         |
|       | 5        | П        |          |            |          | 1            |                |          |          | _        |          | 55        |                 |          |               |     |     |     |          | $\top$  | 7        |          | 105        |          | T       |         |                            | T         |
|       | 6        |          |          |            |          |              |                |          |          |          |          | 56        |                 |          |               |     |     |     |          | $\top$  |          |          | 106        |          | $\neg$  |         | $\top$                     | T         |
|       | 7        | π        |          |            | П        |              |                | Г        | П        |          |          | 57        |                 |          |               |     |     |     |          | 丁       | 7        |          | 107        |          | $\top$  | $\top$  | T                          | Ť         |
|       | 8        | П        | Г        |            |          |              |                |          | П        | Π.       |          | 58        |                 |          | . ]           |     |     |     |          |         |          |          | 108        |          | $\neg$  | $\neg$  | $\neg$                     | T         |
|       | 9        | П        |          |            |          |              | Π              |          | П        |          |          | 59        | П               |          |               |     |     |     |          | T       | 7        |          | 109        |          | T       | T       | $\top$                     | T         |
|       | _10      | 1        |          |            |          |              | Г              |          |          |          |          | 60        |                 |          |               |     |     |     |          |         |          |          | 110        |          |         |         | $\top$                     | T         |
|       | 11       |          |          |            |          |              |                |          | П        | <b>-</b> |          | 61        |                 |          |               |     |     |     |          |         | 7        |          | 111        |          |         |         | $\top$                     | T         |
| •     | 12       |          |          |            |          | Γ            |                |          |          |          |          | 62        |                 |          |               |     |     |     |          | $\top$  | 7        |          | 112        |          |         | П       | $\top$                     | T         |
|       | 13       |          |          |            |          |              |                |          |          | ] .      |          | 63        |                 |          |               |     |     |     |          | T       |          |          | 113        | T        |         |         | $oldsymbol{oldsymbol{	o}}$ | I         |
|       | 14       |          |          |            |          |              |                |          |          |          |          | 64        |                 |          |               |     |     |     |          | T       |          |          | 114        | $\Box$   | I       |         | ightharpoons               | J         |
|       | 15       |          |          |            |          |              |                |          |          |          |          | 65        |                 |          |               |     |     |     |          | $\Box$  |          |          | 115        | $\Box$   | I       | $\prod$ | $\Box$                     | J         |
|       | 16       |          |          |            |          |              |                |          |          |          |          | 66        |                 |          |               |     |     |     |          |         |          |          | 116        |          |         |         |                            | $\prod$   |
|       | 17       |          |          |            |          |              |                |          |          |          | ·L       | 67        |                 |          |               |     | . : |     |          |         |          |          | 117        |          |         |         |                            | $\exists$ |
|       | 18       |          |          |            |          |              |                |          |          |          |          | 68        |                 |          |               |     |     |     |          |         |          |          | 118        |          |         |         |                            |           |
|       | 19       |          |          |            |          |              |                |          |          |          |          | 69        |                 |          |               |     |     |     |          |         |          |          | 119        |          |         | $\perp$ |                            |           |
|       | 20       |          | <u> </u> |            |          |              |                |          |          |          |          | 70        |                 |          |               |     |     |     |          |         |          |          | 120        |          |         |         |                            |           |
|       | 21       |          |          |            |          |              |                |          |          | _] -     |          | 71        |                 |          |               |     |     |     |          |         |          |          | 121        |          |         |         |                            |           |
|       | 22       |          |          |            |          | L.           |                |          |          |          |          | 72        |                 |          |               |     |     |     |          |         |          |          | 122        | $\bot$   | $\perp$ |         |                            | ┙         |
|       | 23       |          |          |            |          |              |                | <u> </u> |          |          |          | 73        |                 |          |               |     |     |     |          | $\perp$ | ╝        |          | 123        | $\perp$  | $\perp$ |         |                            |           |
|       | 24       | L        |          |            |          | <u> </u>     |                |          |          |          |          | 74        |                 |          |               |     |     |     |          |         |          |          | 124        |          | $\perp$ |         |                            |           |
|       | 25       |          |          |            |          | 乚            | _              |          |          |          | L        | 75        |                 |          |               |     |     |     |          |         |          |          | 125        |          | $\perp$ |         |                            | ⊥         |
|       | 26       |          |          |            | _        | L            | L              | L        |          | _        | <u></u>  | 76        | $\Box$          |          |               |     | _   |     |          |         |          |          | 126        | $\perp$  | $\perp$ |         |                            |           |
|       | 27       |          |          | <u>L</u> . | L        | 乚            | L              |          |          |          |          | 77        |                 |          |               |     |     |     |          |         | _ _      |          | 127        |          |         |         |                            | ┙         |
|       | 28       |          |          |            |          |              |                |          |          | _        | <u></u>  | 78        |                 |          |               |     |     |     |          |         |          |          | 128        |          | _       |         |                            | ⊥         |
|       | 29       | Ш        |          |            |          | _            | L              | L        |          |          | <u> </u> | 79        |                 |          |               |     |     |     | _        |         |          |          | 129        |          |         |         |                            | ⊥         |
|       | 30       |          |          |            | _        | _            | L              | _        |          | _        |          | 80        | $\Box$          | _        |               |     | _   |     |          |         | _  `     |          | 130        |          | 4       |         |                            | 4         |
|       | 31       |          | Ŀ        |            |          | _            | _              | L        | $\Box$   | _ 1      |          | 81        | _               | _        |               |     |     |     |          |         |          | <u></u>  | 131        |          | _       |         |                            | 1         |
|       | 32       |          | <u> </u> |            |          | <u> </u>     | _              |          |          | _        | <u></u>  | 82        | _               | _        |               | _   |     |     |          |         |          | L        | 132        | _        | 4       | _       |                            | 4         |
|       | 33       | L        | _        |            | <u> </u> | _            | L.             |          |          | _        |          | 83        | $\sqcup$        |          |               |     |     |     | $\perp$  |         | _        | <u></u>  | 133        | $\perp$  | 4       | $\perp$ | $\perp$                    | 4         |
|       | 34       | Щ        |          | <u> </u>   | <u> </u> | <u> </u>     |                | <u> </u> | $\sqcup$ | _        | <u> </u> | 84        | $\Box$          | _        |               | _   |     | _   | _        |         | _        | <u></u>  | 134        | _        | 4       | 4       | _                          | 4         |
|       | 35       | L.,      |          | <u> </u>   | <u> </u> | <b> </b> _   | <b> </b>       |          |          | _        | <u> </u> | 85        | $\sqcup$        | _        |               | _   | _   | _   | _        | $\perp$ | ١.       | $\vdash$ | 135        | 4        | 1       | 4       | 4                          | 4         |
|       | 36       |          |          | _          | ļ        | <b>.</b>     | <u> </u>       | _        | $\perp$  | _ .      | ·        | 86        | $\dashv$        | _        | _             | _   | -   | _   | _        | _       | _        | <u></u>  | 136        | _        | 4       |         |                            | 4         |
|       | 37       |          |          |            |          |              |                | _        |          | _        |          | 87        | _               | _        | _             |     |     |     | _        | _ _     |          |          | 137        | _        | 1       | 4.      | Д                          | 4         |
|       | 38       |          |          |            | _        | <u> </u>     |                | <u> </u> |          | _        | ļ        | 88        | _               | _        | _             | _   | _   | _   | _        | _       | ∤՝       | ļ        | 138        | _        | _       |         |                            | 4         |
|       | 39       |          |          | <u> </u>   | _        | _            | _              |          |          | _        |          | 89        |                 | _        | _             | _   |     |     | _        | _       | _        | <u> </u> | 139        | _        | _       | _       |                            | 4         |
|       | 40       |          |          |            |          | <u> </u>     | L_             | L.       | 4        | _        | ļ        | 90        | _               | _        | $\dashv$      | _   |     | _   | _        |         | 4        | <u> </u> | 140        |          | 4       |         |                            | 4         |
|       | 41       |          |          | <u> </u>   | _        | <u> </u>     | _              | <u> </u> | _        | 4        | ļ        | 91        | _               | -        | -             |     |     |     | -        | _       | _        | <u> </u> | 141        |          | 4       | 4       | +                          | 4         |
|       | 42       | _        | _        | _          |          | _            | _              |          |          | 4        | ļ        | 92        | _               | _        |               |     |     | _   | -4       | _       | 4        |          | 142        | _        | 4       | _       | - -                        | 4         |
|       | 43       | Ш        |          | H          | <b> </b> | <del> </del> | <del> </del> _ | <u> </u> | $\dashv$ | 4        | <u> </u> | 93        | $\dashv$        | -        | _             |     | _   |     | -        | 4       | 4.       | <u> </u> | 143        | _        | $\perp$ | 4       | +                          | 4         |
|       | 44       | $\sqcup$ |          |            |          | <u> </u>     | _              | L        | 1        | -        | <u></u>  | 94        |                 |          | _             | _   | _   |     | $\dashv$ | $\perp$ | 4        | <u></u>  | 144        | $\dashv$ | 4       | 4       |                            | 4         |
|       | 45       | Ш        | <u> </u> | $\vdash$   |          | -            | <u> </u>       | $\vdash$ |          | 4        | <u> </u> | 95        | $\dashv$        | -        |               | _   |     |     | $\dashv$ | -       | 4        | <u> </u> | 145        | +        | +       | 4       | -                          | 4         |
|       | 46       | -        | <u></u>  |            | $\vdash$ | $\vdash$     | -              | <b> </b> |          | $\dashv$ | <u></u>  | 96        | $\vdash \vdash$ | -        | $\rightarrow$ |     | _   |     | -+       | +       | 4        | <u> </u> | 146        | -        | 4       | 4       | 4                          | 4         |
|       | 47       | Н        |          |            | H        | <u> </u>     | <u> </u>       | L        | $\vdash$ | $\dashv$ | <u> </u> | 97        | $\dashv$        |          | -             |     |     |     | -+       |         | 4.       | <u> </u> | 147        | _        | 4       | +       | -                          | 4         |
| —     | 48       | $\vdash$ | _        | $\vdash$   | $\vdash$ | -            | -              |          | $\dashv$ | $\dashv$ |          | 98        | $\dashv$        | $\dashv$ | _             | _   |     |     |          | +       | 4        | <u> </u> | 148        |          | 4       | -       | +                          | +         |
|       | 49<br>50 |          |          | $\vdash$   | <u> </u> | ├            | -              |          |          | $\dashv$ | <u> </u> | 99<br>100 | $\dashv$        |          | -             |     | _   |     | $\dashv$ | +       | $\dashv$ | <u> </u> | 149<br>150 | <u> </u> | +       | +       | +                          | +         |
|       | ו טט     |          |          |            |          | l            | ı              | 1        | . 1      | - 1      | 1        | 1 100 l   | 1               | - 1      | - 1           | - 1 | ı   | - 1 | - 1      | - 1     | - 1      | 1 1      | 1501       | - 1      | - 1     | - 1     | - 1                        | - 1       |